

# INTERNATIONAL SEARCH REPORT

I - - - - - International Application No

PCT/EP2004/011682

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A23G9/28

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A23G B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 677 443 A (SMADAR YECHIEL ET AL) 18 July 1972 (1972-07-18)	1
A	column 3, line 35 – column 5, line 33; figures	3, 4
X	US 6 098 849 A (MCINNES GREGORY CHARLES) 8 August 2000 (2000-08-08) column 3, line 1 – line 39; figures	1
X	US 5 492 249 A (BEACH WILLIAM H) 20 February 1996 (1996-02-20) column 3, line 30 – column 5, line 37; figures	1
X	US 5 150 820 A (MCGILL SHANE R) 29 September 1992 (1992-09-29) column 4, line 21 – line 39; figures	1 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

11 January 2005

Date of mailing of the International search report

02/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 685 597 A (HIRAO KATSUMI ET AL) 11 August 1987 (1987-08-11) the whole document -----	1,2
A	WO 97/42096 A (MCGILL TECH LTD ;MCGILL SHANE ROBERT (GB)) 13 November 1997 (1997-11-13) claim 4; figures -----	1

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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US 5150820	A	29-09-1992	AR AU CA CN WO GB GR IE IN PT TR ZA	245920 A1 5963590 A 2021334 A1 1048826 A 9101090 A1 2234556 A ,B 90100553 A 902575 A1 177949 A1 94777 A 26409 A 9005697 A		30-03-1994 22-02-1991 21-01-1991 30-01-1991 07-02-1991 06-02-1991 10-12-1991 27-02-1991 22-02-1997 28-02-1992 15-03-1995 29-05-1991
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